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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

#4

Makoto WAKAMATSU et al

Serial No.: 09/987875

Group Art Unit: 2634

Filed: November 16, 2001

For: DIGITAL FILTER

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RECEIVED**

AUG 03 2004

Technology Center 2600

Sir:

As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97 and 1.98, Applicant(s), through the undersigned attorney, submits this Information Disclosure Statement. The patents, publications or other information submitted herewith are listed on the attached Form PTO-1449 and copies are attached.

In accordance with 37 CFR §1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits of the above-identified application.

The patents and publications listed on Form PTO-1449 were cited in a European Search Report mailed not more than three months ago in a counterpart European patent application. A copy of the European Search Report is enclosed.

Certification in accordance with 37 CFR §1.97(e) is included herein. Accordingly, it is respectfully submitted that no fee is required by the filing of this Information Disclosure Statement.

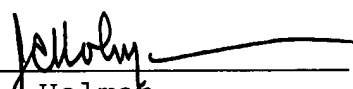
CERTIFICATION

It is hereby certified that the first citation of any item(s) by a foreign patent office in a counterpart foreign application was not made, in any communication from the foreign patent office, more than three months prior to the filing of this statement.

Respectfully submitted,

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Atty. Dkt. No.: P67230US0  
Date: July 29, 2004

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## LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: P67230US0 GROUP ART UNIT: 2634  
 SERIAL NO.: 09/987875 FILING DATE: November 16, 2001  
 APPLICANT(S): WAKAMATSU et al TODAY'S DATE: July 29, 2004

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## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE     | NAME         | CLASS | SUB-<br>CLASS | FILING DATE<br>If Appropriate) |
|----------------------|--------------------|----------|--------------|-------|---------------|--------------------------------|
| AA                   | 6377613            | 04/23/02 | Kawabe et al | 375   | 142           |                                |
| AB                   |                    |          |              |       |               |                                |

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## FOREIGN PATENT DOCUMENTS

| DOCUMENT<br>NUMBER | DATE        | COUNTRY  | CLASS  | SUB-<br>CLASS | TRANSLATION<br>YES) (NO) |
|--------------------|-------------|----------|--------|---------------|--------------------------|
| AC                 | 2000-134181 | 05/12/00 | Japan  |               | XX                       |
| AD                 | 0905888A2   | 03/31/99 | Europe |               |                          |
| AE                 | 1022864A2   | 07/26/00 | Europe |               |                          |
| AF                 | WO00/59123  | 10/05/00 | WIPO   |               |                          |
| AG                 |             |          |        |               |                          |
| AH                 |             |          |        |               |                          |

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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 AJ \_\_\_\_\_  
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EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s)